

02/04/00  
JC759 U.S. PTO

02-07-00

PATENT  
Docket No. PD-980034

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
**APPLICATION TRANSMITTAL LETTER FOR  
NONPROVISIONAL PATENT APPLICATION [Under 37 C.F.R. 1.53(b)]**  
Certification under 37 CFR 1.10 (if applicable)

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EJ737205678US

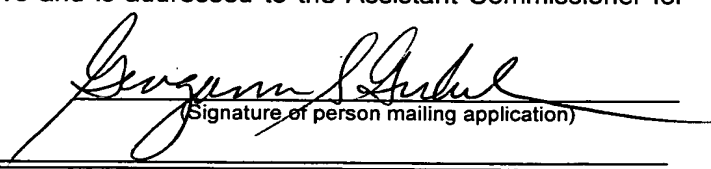
EXPRESS MAIL mailing number

February 4, 2000  
Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

GEORGANN S. GRUNEBACH

(Typed name of person mailing application)

  
(Signature of person mailing application)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application, including 3 sheet(s) of formal drawings, of inventor(s):  
**Donald C. D. Chang, William W. Mayfield, John I. Novak, III., Frank A. Taormina**

for **An Improved Phased Array Terminal For Equitorial Satellite Constellations**

The filing fee for this application is calculated below:

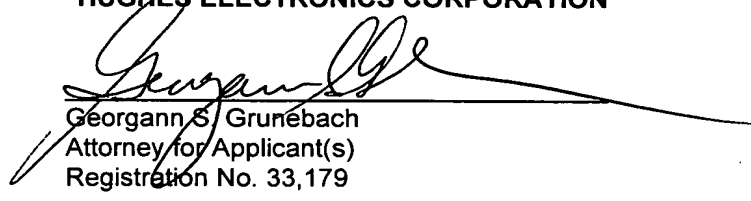
	CLAIMS AS FILED					
	NUMBER FILED		NUMBER EXTRA		RATE	
Basic Fee						\$690.00
Total Claims	20	-20 =	0	x	\$ 18.00	\$ 0
Independent Claims	3	- 3 =	0	x	\$ 78.00	\$ 0
Multiple Dependent Claims	0			+	\$260.00	\$ 0
<b>TOTAL FILING FEE :</b>						<b><u>\$690.00</u></b>

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$690.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

**Please associate this application with the Hughes Electronics Corporation Customer Number 020991.  
This form is submitted in triplicate.**

**HUGHES ELECTRONICS CORPORATION**

  
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